AF M&S ADL Model Program

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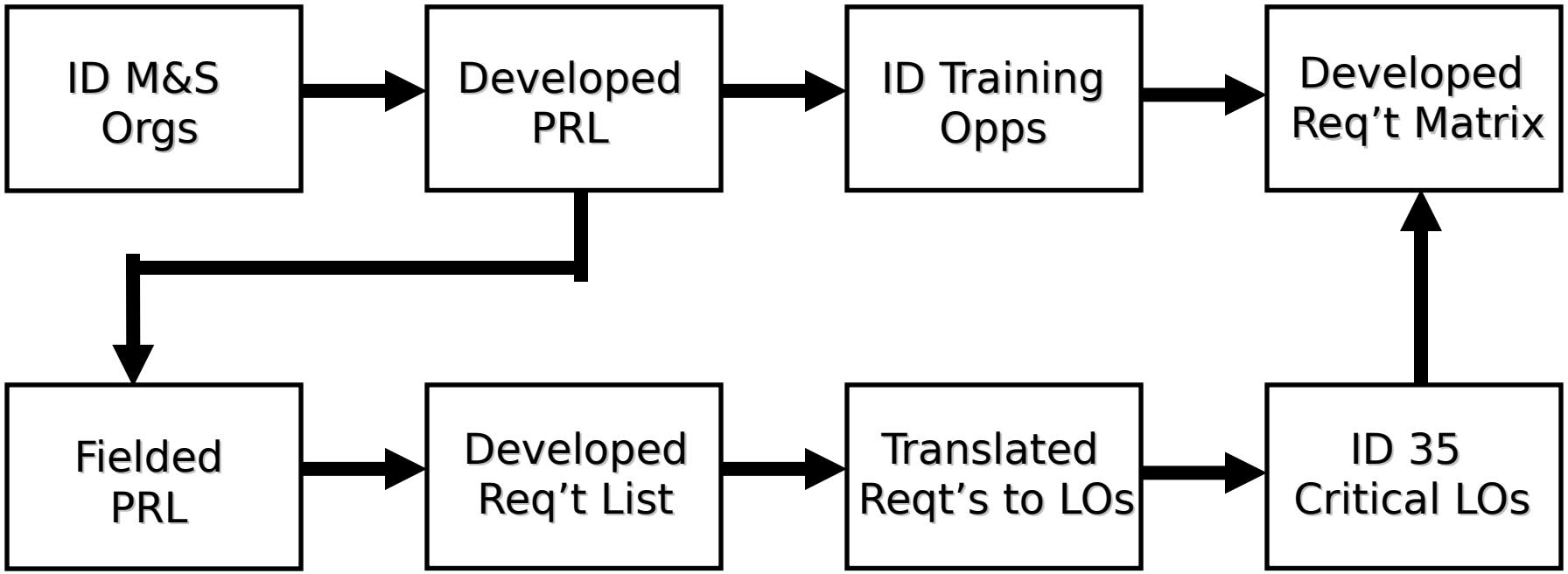
U.S. AIR FORCE

Background

- AF M&S Four-Star Summit
  - Deficiency: Building AF M&S Expertise
- Requirements
  - Identified from the Air Force Modeling and Simulation Education and Training Tiger Team (ETTT) effort (Oct 98-Dec 99)
  - Approved by Maj Gen Hess on 14 Jan 00
- Purpose of ETTT
  - Identify AF M&S organizations, core M&S education and training requirements, existing education and training opportunities and shortfalls
- Target Audience
  - Newly Assigned AF Personnel (Military and Civilian) to M&S Positions

AFM&S E&T Planning Process



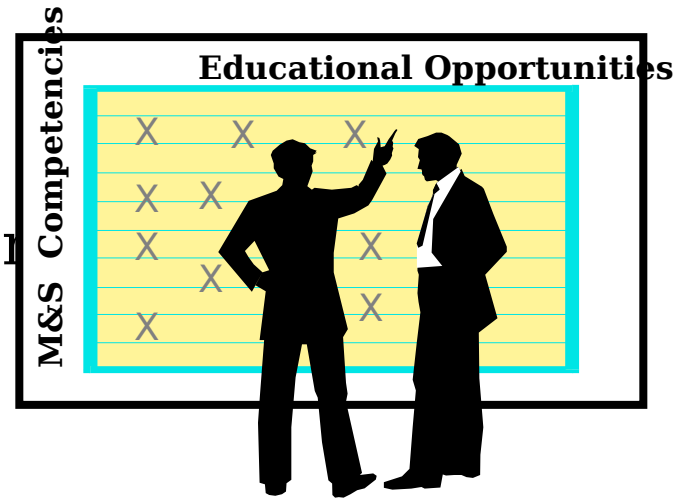
PRL = Preliminary Requirement List
LO = Learning Objectives

AF MS&A ETTT Implementation Strategy: FEA

- Identify Requirements
- Derive Learning Objectives
- Establish Competencies
- Determine Basic, Intermediate and Advanced
- Identify education/training opportunities
- Brief Recommendations to AFMSAWG

AF MS&A (ETTT) Implementation Strategy: Design

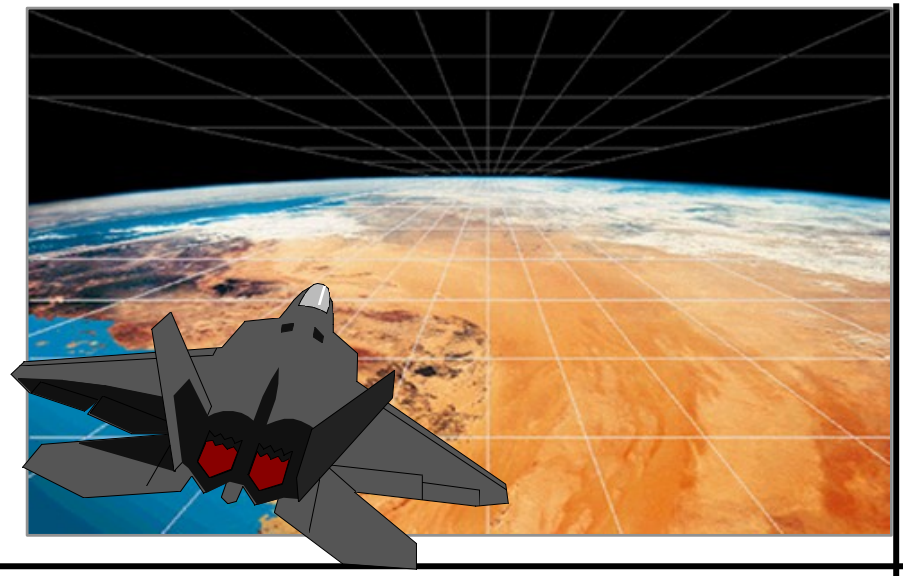
- Design and Develop Non-Traditional ADL M&S Education Program
- Adopt distributed management methodology
- Leverage off existing Programs
- Establish centralized certification process
- Develop individual development plans
  - Assessment of individual
  - Geographic location
  - Job assignment
  - Preference in learning opportu



Partnerships and Leveraging Solutions

- Joint Funding from Joint ADL CO-LAB
- Opportunity to Leverage off DoD MS 101 Tutorial
- Several changes in the AF MS&A Caucus Structure
- Coordination on new DoD Policies
- Necessary actions to implement instructional strategy

Air Force M&S ADL Model Program



Objective(s)

- **Develop an advanced Service-specific follow-on course to MS 101 based on guidelines developed for design, development and evaluation of web-based ADL courses.**

Schedule/Funding

- **Schedule:**
  - **Jun-Sep 00- Design**
  - **Sep 00-May 01-Dev and Eval of Part 1**
  - **Jun 01-Mar 02- Dev and Eval of Part 2**
  - **Jun 02-Jun 03-Integration, Pilot Implementation, transition to AF**
- **Funding: 100K per year (FYs 00-02)**

Benefits

- **Provide immediate AF M&S fundamental training upon assignment to an M&S position, tailored instruction to meet individuals assignment needs.**
- **Provide an on-line resource for AF M&S info and experts.**
- **Program design will serve as a template for DoD component M&S training.**
- **Provide reusable modules for DMSO and DoD components.**

Prototype Team

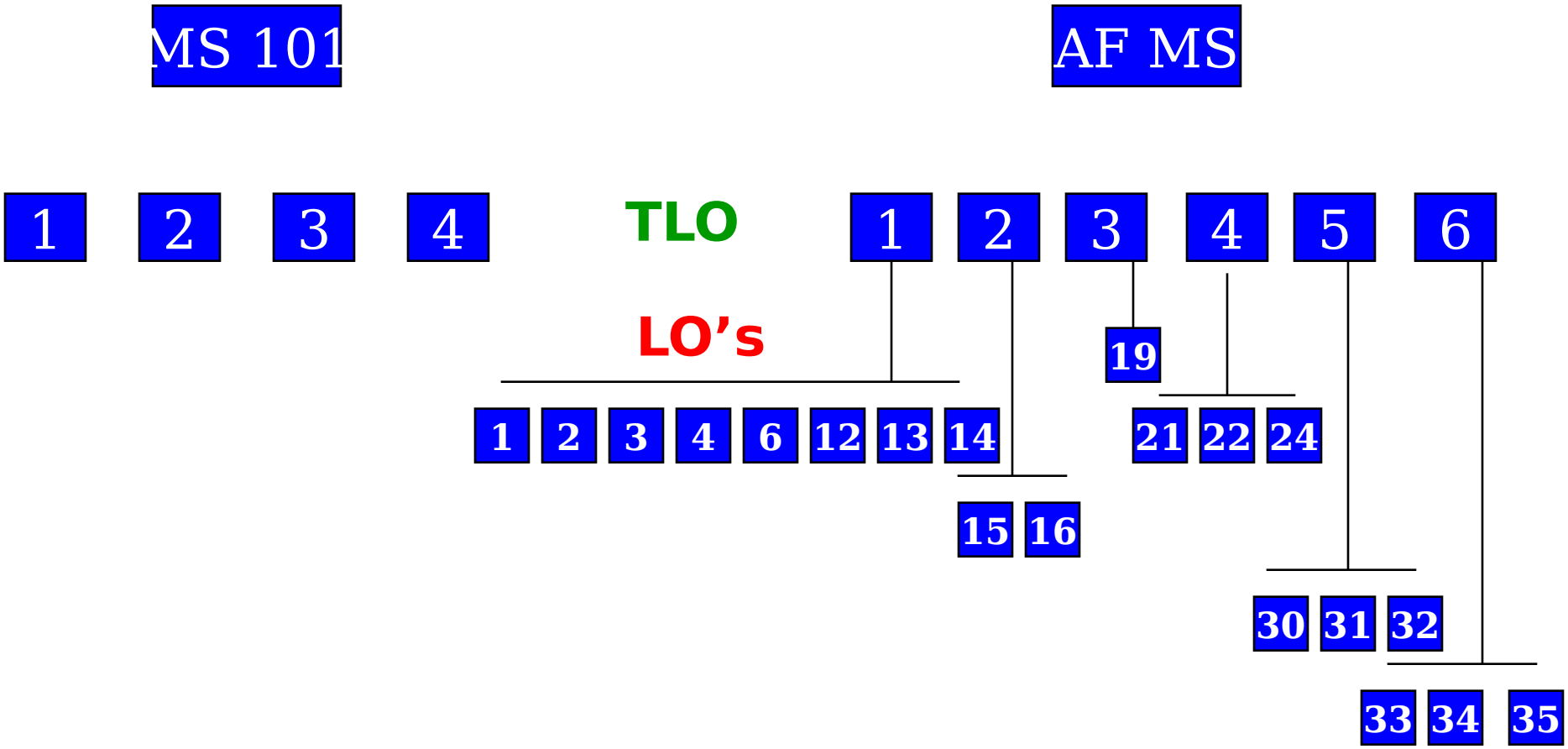
- **Government**
  - **AFAMS**
  - **DMSO**
  - **AFIADL**
  - **AF MS&A Steering Groups**
  - **AMSO**
  - **MCMSMO**
  - **Navy (N7)**
- **Academic**
  - **Institute for Simulation and Training (IST) UCF**

Note: Task 3 of IST BAA with Intro to M&S and New Civilian Supervisory Training

Initial Analytic Sorting of LO

- Total list examined for Initial Priority
- Reduced to 20 ”Knowledge Only” Candidates
- Next cross referenced against MS 101 modules
- Results indicate 11 LO can be totally or partially leveraged from 101
- Prime Warrior provides initial content for remainder; supplemented with key directives; e.g. AF M&S Master Plan.

Learning Objectives Map



AF MS&A ETTT Issues & Challenges

- Diversity of audience
- Lack of existing and relevant education/training opportunities
- Implementation of certification
- Execution timeliness
- Necessary actions to implement instructional strategy
- Funding

Significant Accomplishments

- Established development Team Jul 00
- Established Competency Phase 1 Aug 00
- Established an IPT (DoD, DoD components and AF organizations—kick off 22 Aug 00)
- Developed AF M&S Education Portal (demonstrated at ADLC 6-7 Sep 00)

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Co-Sponsored by:
Janet Weisenford, Joint ADL Co-Lab
Dianne Parrish, AFAMS

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